

Name: _____

at1110paper__practice__test (v19)

1. Solve the equation.

$$7x^2 - 24x - 74 = 4x^2 - 5x - 2$$

2. Expand the following expression into standard form.

$$(2x - 9)(2x + 9)$$

3. Factor the expression.

$$25x^2 - 49$$

4. Solve the equation with factoring by grouping.

$$8x^2 + 20x - 6x - 15 = 0$$

5. Expand the following expression into standard form.

$$(2x + 7)^2$$

6. Solve the equation.

$$(3x + 7)(5x - 4) = 0$$

7. Factor the expression.

$$x^2 + 11x + 28$$

8. Expand the following expression into standard form.

$$(4x - 9)(6x + 5)$$